22 August 1995

V0_IRD_FPRS_LINK

IRD	IRD_se	IRD_text	IRD_cla	FPRS	L3_typ	L3_seg	L3_text	L3_clarific
	gment		rificati		e	ment		ation
			on					
<u>V0-</u>	SDPS	The ECS shall		EOSD16	interfa	CSMS	The ECS shall	
0010		provide two-		95	<u>ce</u>		provide 2-way	
		<u>w a y</u>					interoperability	
		interoperability					with the V0	
		to the ESDIS VO					system.	
		system IMS via						
		Level 3						
		interoperability						
		<u>.</u>						
V0-	CSMS	ESDIS V0 IMS		EOSD24	securit	FOS/SD	Data base	
0020		shall have the		30	y	PS/CS	access and	
		capability to				MS	manipulation	
		send and ECS					shall	
		shall have the					accommodate	
		capability to					control of user	
		receive User					access and	
		Authentication					update of	
		Requests					security	
		[implementatio					controlled data.	
		n issue 1].					controlled data.	

		SMC-	securit	CSMS	The SMC shall	Deleted
		5320	у		establish,	1255 L2
					maintain, and	trace. DV
					authenticate	
					access	
					privileges for	
					ECS scientific	
					users.	
		E O S	i n t	C S	T h e	
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V0- 0030	CSMS	The ECS shall have the capability to send and ESDIS VO IMS shall have the capability to receive E C S User Authentication Information [implementatio	EOSD24 3 0	securit y	FOS/SD PS/CS MS	Data base access and manipulation shall accommodate control of user access and update of security controlled data.	
		n issue 1].	SMC- 5320	securit y	CSMS	The SMC shall establish, maintain, and authenticate access privileges for ECS scientific users.	Deleted 1255 L2 trace. DV

V0-	CSMS	The ECS shall	EOSD16	interfa	CSMS	The ECS shall	
0040		have the	95	ce	CSTVIS	provide 2-way	
10040		capability to				interoperability	
		send and ESDIS				with the V0	
		l					
		V0 IMS shall				system.	
		have the					
		capability to					
		receive V0 User					
		Authentication					
		Requests					
		[implementatio					
		n issue 1].					
V0-	CSMS	ESDIS V0 IMS	EOSD16	interfa	CSMS	The ECS shall	
0050		shall have the	95	ce		provide 2-way	
		capability to				interoperability	
		send and ECS				with the V0	
		shall have the				system.	
		capability to				system.	
		receive V0 User					
		Authentication					
		Information					
		[implementatio					
		n issue 1].					

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V0-	SDPS	The ECS shall	EOSD16	interfa	CSMS	The ECS shall
1	SDFS			l	COMP	I
0060		have the	9 5	ce		provide 2-way
		capability to				interoperability
		send and ESDIS				with the V0
		V0 IMS shall				system.
		have the				
		capability to				
		receive				
		Inventory				
		1				
		Search Requests				
		via V0				
		protocols.				
			IMS-	functio	SDPS	The IMS shall
			0610	nal		provide the
						capability to
						search the data
						inventory
						which describes
						each granule of
						EOSDIS data.

1	<u>, </u>					
			IMS-	interfa	SDPS	The IMS shall
			0625	ce		provide bi-
						directional
						interoperability
						between ECS
						and V0 for
						access to the
						inventory
						metadata, guide
						information,
						and browse
						products via
						level III catalog
						interoperability
						as specified in
						ICDs.
SDPS	The ESDIS V0		EOSD16	interfa	CSMS	The ECS shall
	IMS shall have			ce		provide 2-way
	the capability					interoperability
	,					with the V0
						system.
	SDPS	1	IMS shall have the capability to send and ECS shall have the capability to receive Inventory Search Results via V0	SDPS The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Inventory Search Results via V0	SDPS The ESDIS VO IMS shall have the capability to send and ECS shall have the capability to receive Inventory Search Results via VO	SDPS The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Inventory Search Results via V0

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			IMS-	interfa	SDPS	The IMS shall
			0625	ce		provide bi-
						directional
						interoperability
						between ECS
						and V0 for
						access to the
						inventory
						metadata, guide
						information,
						and browse
						products via
						level III catalog
						interoperability
						as specified in
						ICDs.
V0-	SDPS	The ECS shall	EOSD16	interfa	CSMS	The ECS shall
0080		have the	95	ce		provide 2-way
		capability to				interoperability
		send and the				with the V0
		ESDIS VO IMS				system.
		shall have the				
		capability to				
		receive Guide				
		Search Requests				
		via V0				
		protocols.				

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		IMS-	interfa	SDPS	The IMS shall
		0625	ce		provide bi-
					directional
					interoperability
					between ECS
					and V0 for
					access to the
					inventory
					metadata, guide
					information,
					and browse
					products via
					level III catalog
					interoperability
					as specified in
					ICDs.
		IMS-	interfa	SDPS	The IMS shall
		0600	ce		provide the
					capability to
					search a
					directory of
					information
					that describes
					whole EOSDIS,
					non-EOSDIS,
					and ADC earth
					science data
					sets.

			IMS-	interfa	SDPS	The IMS shall
			0390	ce	5215	maintain or
			0270			provide access
						to directory
						entries for all
						data sets
						accessible
						through the
						IMS search and
						order service.
V0-	SDPS	The ESDIS V0	EOSD16	interfa	CSMS	The ECS shall
0090		IMS shall have	9 5	ce		provide 2-way
		the capability				interoperability
		to send and the				with the V0
		ECS shall have				system.
		the capability				
		to receive Guide				
		Search Results				
		via V0				
		protocols.				

		IMS-	interfa	SDPS	The IMS shall
		0625	ce		provide bi-
					directional
					interoperability
					between ECS
					and V0 for
					access to the
					inventory
					metadata, guide
					information,
					and browse
					products via
					level III catalog
					interoperability
					as specified in
					ICDs.
		IMS-	interfa	SDPS	The IMS shall
		0390	ce		maintain or
					provide access
					to directory
					entries for all
					data sets
					accessible
					through the
					IMS search and
					order service.

			IMS-	interfa	SDPS	The IMS shall	
			0600	ce		provide the	
						capability to	
						search a	
						directory of	
						information	
						that describes	
						whole EOSDIS,	
						non-EOSDIS,	
						and ADC earth	
						science data	
						sets.	
V0-	SDPS	The ECS shall	IMS-	interfa	SDPS	The IMS shall	
0100		have the	0625	ce		provide bi-	
		capability to				directional	
		send and the				interoperability	
		ESDIS V0 IMS				between ECS	
		shall have the				and V0 for	
		capability to				access to the	
		receive Browse				inventory	
		Requests via V0				metadata, guide	
		protocols.				information,	
						and browse	
						products via	
						level III catalog	
						interoperability	
						as specified in	
						ICDs.	

			E O S D 1 6 9 5	i n t e r f a c e	C S M S	The ECS shall provid e 2- way intero perabil ity with the VO system	
V0- 0110	SDPS	The ESDIS VO IMS shall have the capability to send and the ECS shall have the capability to receive and Browse Results via VO protocols.	EOSD16 9 5	interfa ce	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	

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			IMS-	interfa	SDPS	The IMS shall	
			0625	ce		provide bi-	
						directional	
						interoperability	
						between ECS	
						and V0 for	
						access to the	
						inventory	
						metadata, guide	
						information,	
						and browse	
						products via	
						level III catalog	
						interoperability	
						as specified in	
						ICDs.	
V0-	SDPS	The ECS shall	EOSD16	interfa	CSMS	The ECS shall	
0120		have the	95	ce		provide 2-way	
		capability to				interoperability	
		send and ESDIS				with the V0	
		V0 IMS shall				system.	
		have the					
		capability to					
		receive Product					
		Requests via V0					
		protocols.					

		IMS-	interfa	SDPS	The IMS shall
		0625	ee		provide bi-
					directional
					interoperability
					between ECS
					and V0 for
					access to the
					inventory
					metadata, guide
					information,
					and browse
					products—via
					level III catalog
					interoperability
					as specified in
					ICDs.

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					or as
					s p e c i f i
					e d i n
					I C D s .

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V0-	SDPS	ESDIS V0 IMS	EOSD16	interfa	CSMS	The ECS shall
0150		shall have the	95	ce		provide 2-way
		capability to				interoperability
		send and the				with the V0
		ECS shall have				system.
		the capability				
		to receive				
		Inventory				
		Search Requests				
		via V0				
		protocols.				
		protocors.	IMS-	interfa	SDPS	The IMS shall
					SDFS	l l
			0625	ce		provide bi-
						directional
						interoperability
						between ECS
						and V0 for
						access to the
						inventory
						metadata, guide
						information,
						and browse
						products via
						level III catalog
						interoperability
						as specified in
						ICDs.

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V0-	SDPS	ECS shall have	EOSD16	interfa	CSMS	The ECS shall
0160		the capability	95	ce		provide 2-way
		to send and				interoperability
		ESDIS V0 IMS				with the V0
		shall have the				system.
		capability to				
		receive				
		Inventory				
		Search Results				
		via V0				
		protocols.				
		protocors.	IMS-	interfa	SDPS	The IMS shall
			0625		ט ועט	1
			0023	ce		provide bi- directional
						1
						interoperability
						between ECS
						and V0 for
						access to the
						inventory
						metadata, guide
						information,
						and browse
						products via
						level III catalog
						interoperability
						as specified in
						ICDs.

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V0-	SDPS	V0 ESDIS IMS		EOSD16	interfa	CSMS	The ECS shall	
0170		shall have the		9 5	ce		provide 2-way	
		capability to					interoperability	
		send and ECS					with the V0	
		shall have the					system.	
		capability to					·	
		receive Guide						
		Search Requests						
		[implementatio						
		n issue 2].						
				IMS-	interfa	SDPS	The IMS shall	
				0625	ce		provide bi-	
							directional	
							interoperability	
							between ECS	
							and V0 for	
							access to the	
							inventory	
							metadata, guide	
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							information, and browse products via level III catalog interoperability as specified in ICDs.	

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V0-	SDPS	The ECS shall	EOSD16	interfa	CSMS	The ECS shall
0180		have the	9 5	ce		provide 2-way
		capability to				interoperability
		send and V0				with the V0
		ESDIS IMS shall				system.
		have the				
		capability to				
		receive Guide				
		Search Results				
		[implementatio				
		n issue 2].				
			IMS-	interfa	SDPS	The IMS shall
			0625	ce		provide bi-
						directional
						interoperability
						between ECS
						and V0 for
						access to the
						inventory
						metadata, guide
						information,
						and browse
						products via
						level III catalog
						j
						interoperability
						as specified in
						ICDs.

V0- 0190	SDPS	V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementatio n issue 2].	9 5	6 interfa		The ECS shall provide 2-way interoperability with the V0 system.
			IMS- 0625	interfa	SDPS	The IMS shall provide bidirectional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.

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V0-	SDPS	The ECS shall	EOSD16	interfa	CSMS	The ECS shall
0200		have the	95	ce		provide 2-way
		capability to				interoperability
		send and V0				with the V0
		ESDIS IMS shall				system.
		have the				
		capability to				
		receive Browse				
		Results				
		[implementatio				
		n issue 2].				
			IMS-	interfa	SDPS	The IMS shall
			0625	ce		provide bi-
						directional
						interoperability
						between ECS
						and V0 for
						access to the
						inventory
						metadata, guide
						information,
						and browse
						products via
						level III catalog
						j
						interoperability
						as specified in
						ICDs.

V0- 0230	SDPS	The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Product Requests via V0 protocols.	9 5	interfa ce		The ECS shall provide 2-way interoperability with the V0 system.
			IMS- 0625	interfa	SDPS	The IMS shall provide bidirectional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.

V0-	SDPS	ECS and Version	IMS-	interfa	SDPS	The IMS shall	Interface
0240		0 shall	0915	ce		provide an	is bi-
		exchange				interface to the	directional
		pricing				Version 0	
		information, as				system for	
		necessary.				ordering data	
						products to be	
						delivered	
						directly to the	
						user, or as	
						specified in	
						ICDs.	

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V0-	SDPS	The DAACs V0	DADS0	functio	SDPS	The DADS shall
0260		IMS shall have	465	nal		provide storage
		the capability				for the
		to send and ECS				following
		shall have the				Version 0 data:
		capability to				a. Standard
		receive				products
		Migration				b. Associated
		Metadata.				correlative data
						sets
						c. Associated
						ancillary data
						sets
						d. Associated
						calibration data
						sets
						e. Associated
						metadata
						f. Documents
						g. Algorithms.

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V0-	SDPS	The DAACs V0	DADS0	functio	SDPS	The DADS shall
0270		DADS shall have	465	nal		provide storage
		the capability				for the
		to send and ECS				following
		shall have the				Version 0 data:
		capability to				a. Standard
		receive				products
		Migration Data				b. Associated
		Products.				correlative data
						sets
						c. Associated
						ancillary data
						sets
						d. Associated
						calibration data
						sets
						e. Associated
						metadata
						f. Documents
						g. Algorithms.

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V0-	SDPS	The DAACs V0	DADS0	functio	SDPS	The DADS shall
0280		DADS shall have	465	nal		provide storage
		the capability				for the
		to send and ECS				following
		shall have the				Version 0 data:
		capability to				a. Standard
		receive				products
		Migration				b. Associated
		Browse Data.				correlative data
						sets
						c. Associated
						ancillary data
						sets
						d. Associated
						calibration data
						sets
						e. Associated
						metadata
						f. Documents
						g. Algorithms.

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V0-	SDPS	The DAACs V0	DADS0	functio	SDPS	The DADS shall
0290		DADS shall have	465	nal		provide storage
		the capability				for the
		to send and ECS				following
		shall have the				Version 0 data:
		capability to				a.Standard
		receive				products
		Migration				b.Associated
		Documentation				correlative data
		Data.				sets
						c.Associated
						ancillary data
						sets
						d.Associated
						calibration data
						sets
						e.Associated
						metadata
						f.Documents
						g.Algorithms.

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V0-	SDPS	The DAAC V0	DADS0	functio	SDPS	The DADS shall
0300		DADS shall have	465	nal		provide storage
		the capability				for the
		to send and ECS				following
		shall have the				Version 0 data:
		capability to				a. Standard
		receive				products
		Migration				b. Associated
		Ancillary Data				correlative data
		and Correlative				sets
		Data.				c. Associated
						ancillary data
						sets
						d. Associated
						calibration data
						sets
						e. Associated
						metadata
						f. Documents
						g. Algorithms.

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V0-	SDPS	The DAACs V0	DADS0	functio	SDPS	The DADS shall
0310		PGS shall have	465	nal		provide storage
		the capability				for the
		to send and ECS				following
		shall have the				Version 0 data:
		capability to				a. Standard
		receive				products
		Migration Data				b. Associated
		Products.				correlative data
						sets
						c. Associated
						ancillary data
						sets
						d. Associated
						calibration data
						sets
						e. Associated
						metadata
						f. Documents
						g. Algorithms.

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V0-	SDPS	The DAACs V0	I	DADS0	functio	SDPS	The DADS shall
0320		PGS shall have	4	465	nal		provide storage
		the capability					for the
		to send and ECS					following
		shall have the					Version 0 data:
		capability to					a. Standard
		receive					products
		Migration					b. Associated
		Browse Data.					correlative data
							sets
							c. Associated
							ancillary data
							sets
							d. Associated
							calibration data
							sets
							e. Associated
							metadata
							f. Documents
							g. Algorithms.

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V0-	SDPS	The DAACs V0	DADS0	functio	SDPS	The DADS shall
0330		PGS shall have	465	nal		provide storage
		the capability				for the
		to send and ECS				following
		shall have the				Version 0 data:
		capability to				a. Standard
		receive				products
		Migration				b. Associated
		Metadata.				correlative data
						sets
						c. Associated
						ancillary data
						sets
						d. Associated
						calibration data
						sets
						e. Associated
						metadata
						f. Documents
						g. Algorithms.

V0-	SDPS	The DAACs V0	DADS0	functio	SDPS	The DADS shall
0331	מ וענ	PGS shall have	465	nal	ט ועט	provide storage
0331			403	11 41		for the
		the capability to send and ECS				l
		1				following
		shall have the				Version 0 data:
		capability to				a. Standard
		receive				products
		Migration Data				b. Associated
		Products				correlative data
		according to the				sets
		agreed				c. Associated
		schedule.				ancillary data
						sets
						d. Associated
						calibration data
						sets
						e. Associated
						metadata
						f. Documents
						g. Algorithms.
V0-	SDPS	The ECS shall	DADS0	functio	SDPS	Each DADS shall
0340		have the	800	nal		provide the
		capability of				capability to
		ingesting				translate input
		migration data				data to the
		in the following				internal ECS
		data format (s):				format
		a. HDF				including HDF.
		b. native				
		format				
		c. TBD				
		J C. 1DD			l	

V0-	SDPS	The ECS shall	DADS0	functio	SDPS	Each DADS shall	Deleted
0350		have the	250	nal		receive, at a	604 L2
		capability of				minimum, data	trace. DV
		receiving data				in the following	
		products from				forms:	
		the DAAC(s) V0				a. Physical	
		system on the				electronic	
		following				media	
		media:				b. Electronic	
		a. CD-ROM				communications	
		b. 4mm tape				network	
		c. 8mm tape				c. Hardcopy	
		d. 6250 bpi				media	
		magnetic tape					
		e. electronic					
		transfer					

V0-	SDPS	The ECS and	1	DADS0	functio	SDPS	The DADS shall
0360	SDES			465		SDES	l
0300		DAAC(s) shall		403	nal		provide storage
		have the					for the
		capability to					following
		exchange					Version 0 data:
		Migration					a. Standard
		Coordination					products
		messages					b. Associated
		[implementatio					correlative data
		n issue 3].					sets
							c. Associated
							ancillary data
							sets
							d. Associated
							calibration data
							sets
							e. Associated
							metadata
							f. Documents
							g. Algorithms.
V0-	SDPS	The DAAC(s)		EOSD16	interfa	CSMS	The ECS shall
0370		shall have the		9 5	ce		provide 2-way
		capability to					interoperability
		send and ECS					with the V0
		shall have the					system.
		capability to					
		receive					
		Advertising					
		Information					
		[implementatio					
		n issue 6].					
	<u></u>	100 0 -				l	

V0-	SDPS	ECS shall have	EOSD16	interfa	CSMS	The ECS shall	
0380		the capability	9 5	ce		provide 2-way	
		to send and the				interoperability	
		ESDIS IMS team				with the V0	
		shall have the				system.	
		capability to					
		receive					
		Dependent					
		Valids					
		Information.					